



(19)

(11) Publication number:

0

Generated Document.

PATENT ABSTRACTS OF JAPAN

(21) Application number: 07256270

(51) Int'l. Cl.: B60C 11/00 B60C 11/11

(22) Application date: 03.10.95

(30) Priority:

(43) Date of application
publication: 15.04.97(84) Designated contracting
states:

(71) Applicant: BRIDGESTONE CORP

(72) Inventor: MATSUMOTO HIROYU
WADA ICHIRO

(74) Representative:

(54) PNEUMATIC TIRE EXCELLENT IN SELF CLEANING PERFORMANCE

(57) Abstract:

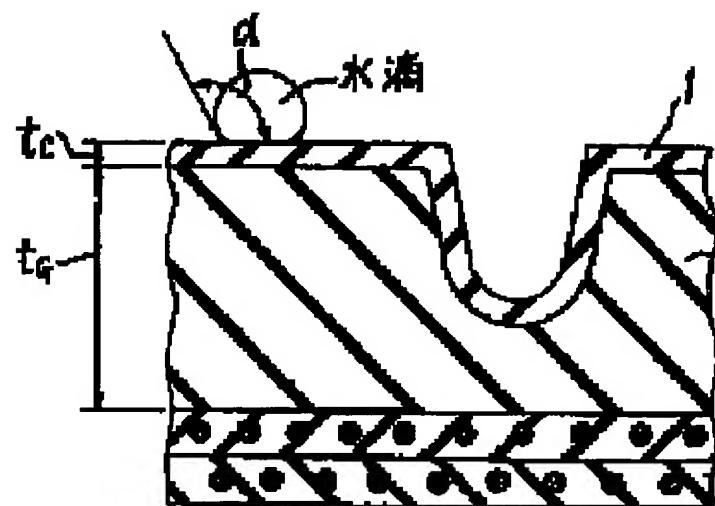
PROBLEM TO BE SOLVED: To improve drainage performance, and enhance a degree of freedom of design of groove arrangement by arranging a surface layer having high self-cleaning performance at least in a part or the whole area of a groove bottom and a groove wall of a groove to partition and form a land part.

SOLUTION: A rubber layer 1 having high self-cleaning performance, an ordinary tread rubber layer 2 and a belt layer 3 are provided. In the rubber layer 1, when its thickness is denoted by (tC) and a thickness of the tread rubber layer 2 is denoted by (tG), it is better to set these in ($tC < 0.1 tG$). With regard to a characteristic of the rubber layer 1, in order to enhance water repellency, when self-cleaning performance is expressed by

BEST AVAILABLE COPY

a contact angled formed with a waterdrop on a surface of the rubber layer 1, it is preferable to set a difference from the tread rubber layer 2 not less than 5 degrees.

COPYRIGHT: (C)1997,JPO



BEST AVAILABLE COPY



ABOUT DELPHION **PRODUCTS** **NEWS & EVENTS** **IP RESOURCES** **IPS**
IP Listings **Prior Art** **Derwent** **Advanced** **Boolean** **Number**

Search Login Register Order Form Shopping Cart Premium Features



Inquire
Regarding
Licensing



JP9099712A2:PNEUMATIC TIRE EXCELLENT IN SELF CLEANING PERFORMANCE

[View Images \(1 pages\)](#) | [View INPADOC only](#) | [Derwent Record...](#)

Country: **JP Japan**

Kind:

Inventor(s): **MATSUMOTO HIROYUKI**
WADA ICHIRO

Applicant(s): **BRIDGESTONE CORP**

[News, Profiles, Stocks and More about this company](#)

Issued/Filed Dates: **April 15, 1997 / Oct. 3, 1995**

Application Number: **JP1995000256270**

IPC Class: **B60C 11/00; B60C 11/11;**

Abstract:



Problem to be solved: To improve drainage performance, and enhance a degree of freedom of design of groove arrangement by arranging a surface layer having high self-cleaning performance at least in a part or the whole area of a groove bottom and a groove wall of a groove to partition and form a land part.

Solution: A rubber layer 1 having high self-cleaning performance, an ordinary tread rubber layer 2 and a belt layer 3 are provided. In the rubber layer 1, when its thickness is denoted by (tC) and a thickness of the tread rubber layer 2 is denoted by (tG), it is better to set these in (tC<0.1 tG). With regard to a characteristic of the rubber layer 1, in order to enhance water repellency, when self-cleaning performance is expressed by a contact angled formed with a waterdrop on a surface of the rubber layer 1, it is preferable to set a difference from the tread rubber layer 2 not less than 5 degrees.

COPYRIGHT: (C)1997,JPO

Family: [Show known family members](#)

Other Abstract Info: **DERABS C97-276241 DERC97-276241**

Foreign References: No patents reference this one

Alternative



BEST AVAILABLE COPY